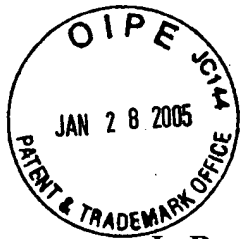


DOCKET NO.: MSFT-2852/306819.01

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Ramachandran Venkatesh, et al.

Confirmation No.: 8386

Application No.: 10/692,225

Group Art Unit: 2162

Filing Date: October 23, 2003

Examiner: Corrielus, Jean M.

For: **SYSTEM AND METHOD FOR OBJECT PERSISTENCE IN A DATABASE STORE**

DATE OF DEPOSIT:

*January 26, 2005*

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22314-1450.

*Steven B. Samuels*

TYPED NAME: Steven B. Samuels  
REGISTRATION NO.: 37,711

01/31/2005 KBETEMAI 00000043 10692225

01 FC:1806

180.00 DP

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

- ☐ Certification in Accordance with § 1.97(e) is attached; or
- ☒ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers **13 thru 22** listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of reference numbers **23 thru 43** on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

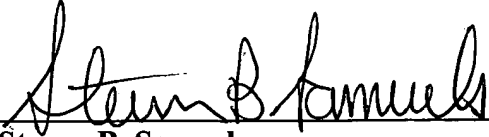
DOCKET NO.: MSFT-2852/306819.01 - 3 -

PATENT

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-

3050. This form is submitted in duplicate.

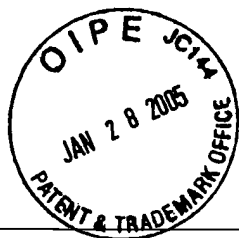
Date: *January 26, 2005*

  
Steven B. Samuels  
Registration No. 37,711

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

© 2005 WW

BEST AVAILABLE COPY

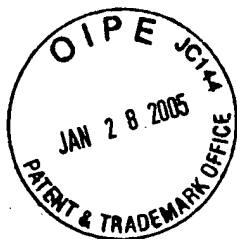


<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>MSFT-2852/306819.01</b>		Application No. <b>10/692,225</b>
	Applicant <b>Ramachandran Venkatesh, et al.</b>		
	Filing Date <b>October 23, 2003</b>	Group <b>2162</b>	
	Confirmation No. <b>8386</b>		

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<b>13</b>	Findler, R.B. et al., "Contract Soundness for Object-Oriented Languages" <i>ACM Conference on Object-Oriented Programming Systems, Languages, and Applications, OOPSLA, 2001</i> , 15 pages
	<b>14</b>	Harrison, C.J. et al., "Structure Editors: User-Defined Type Values and Type Inference, <i>IEEE, 2000</i> , 241-247
	<b>15</b>	Michael Stonebraker, "Inclusion of New Types in Relational Data Base Systems", <i>IEEE International Conference on Data Engineering, 1986</i> , 1-19
	<b>16</b>	Berg, C., "How Do I Create Persistent Java Objects?", <i>Dr. Dobbs' Journal, 1997</i> , 22(4), 98-101
	<b>17</b>	Chien, A.A., "Concurrent Aggregates (CA)-Design and Experience with a Concurrent Object-Oriented Language Based on Aggregates", <i>J. Parallel and Distributed Computing, 1995</i> , 25(2), 174-196
	<b>18</b>	Darby, C., "Object Serializatin in Java 1.1. Making Objects Persistent", <i>Web Techniques, 1997</i> , 2(9), 55, 58-59
	<b>19</b>	Frost, R.A. "Binary-Relational Storage Structures", <i>The Computer Journal, 1982</i> , 25(3), 358-367
	<b>20</b>	Fuh, Y-C. et al., "Implementation of SQL3 Structured Types with Inheritance and Value Substitutability", <i>Digital Symposium Collection, 2000</i> , 565-574
	<b>21</b>	Haverlock, K., "Object Serialization, Java, and C++", <i>Dr. Dobbs. Journal, 1998</i> , 23(8), 32, 34, 36-37
	<b>22</b>	King, et al., "TriStarp-An Investigation into the Implementation and Exploitation of Binary Relational Storage Structures", <i>Proc. 8 Supth BNCOD(British national Conference on Data Bases), 1990</i> , 64-84

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>MSFT-2852/306819.01</b>	Application No. <b>10/692,225</b>
	Applicant <b>Ramachandran Venkatesh, et al.</b>	
	Filing Date <b>October 23, 2003</b>	Group <b>2162</b>
	Confirmation No. <b>8386</b>	

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	23	5,297,279	03/22/94	Bannon, et al.	707	103
	24	5,437,027	07/25/95	Bannon, et al.	395	600
	25	5,864,862	01/26/99	Kriens, et al.	707	103
	26	6,070,174	05/30/00	Starek, et al.	707	206
	27	6,564,205	05/13/03	Iwata, et al.	707	2
	28	6,671,687	12/30/03	Pederson, et al.	707	9
	29	6,785,690	08/31/04	Davidson	707	103Y
	30	2002/0198891 A1	12/26/02	Li, et al.	707	102
	31	5,900,870	05/04/99	Malone, et al.	715	866
	32	6,047,291	04/04/00	Anderson, et al.	707	103

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

**EXAMINER**

**DATE CONSIDERED**



Sheet 3 of 3

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**MSFT-2852/306819.01**Application No.  
**10/692,225**Applicant  
**Ramachandran Venkatesh, et al.**Filing Date  
**October 23, 2003**Group  
**2162**Confirmation No.  
**8386****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	33	2002/0152422 A1	10/17/02	Sharma, et al.	714	13
	34	2002/0091702 A2	07/11/02	Mullins	707	100
	35	6,108,004	08/22/00	Medl	715	804
	36	6,112,024	08/29/00	Almond, et al.	717	122
	37	6,199,195	03/06/01	Goodwin, et al.	717	104
	38	6,338,056	01/08/02	Dessloch, et al.	707	2
	39	6,370,541	04/09/02	Chou, et al.	707	103
	40	6,519,597	02/11/03	Cheng, et al.	707	10
	41	6,556,983	04/29/03	Altschuler, et al.	706	55
	42	6,578,046	06/10/03	Chang, et al.	707	4
	43	6,772,178	08/03/04	Mandal, et al.	707	204

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

**EXAMINER****DATE CONSIDERED**